

**FRIEDMAN & BRUYA, INC.**

**ENVIRONMENTAL CHEMISTS**

Date of Report: 06/30/04

Date Received: 06/17/04

Project: Metro Self Monitor, PO# M93611, F&BI 406181

Date Extracted: 06/28/04

Date Analyzed: 06/28/04

**RESULTS FROM THE ANALYSIS OF THE WATER SAMPLE  
FOR TOTAL METALS BY  
INDUCTIVELY COUPLED PLASMA (ICP)  
(METHOD 6010)**

Results Reported as mg/L (ppm)

<u>Sample ID</u> Laboratory ID	<u>Chromium</u>	<u>Copper</u>	<u>Nickel</u>	<u>Zinc</u>
M93611 406181-01	0.50	0.63	0.57	0.05
Method Blank	<0.05	<0.05	<0.10	<0.05

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## ENVIRONMENTAL CHEMISTS

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### QUALITY ASSURANCE RESULTS FROM TOTAL METALS BY INDUCTIVELY COUPLED PLASMA (ICP) (METHOD 6010)

Laboratory Code: 406248-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	% Recovery MS	% Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Chromium	mg/L (ppm)	2	0.54	86	85	50-150	1
Copper	mg/L (ppm)	2	0.42	88	86	50-150	2
Nickel	mg/L (ppm)	4	0.39	84	85	50-150	1
Zinc	mg/L (ppm)	2	<0.05	87	86	50-150	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	% Recovery LCS	Acceptance Criteria
Chromium	mg/L (ppm)	2	91	70-130
Copper	mg/L (ppm)	2	90	70-130
Nickel	mg/L (ppm)	4	90	70-130
Zinc	mg/L (ppm)	2	91	70-130

406181

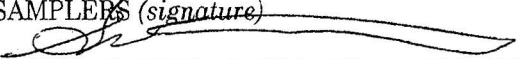
## SAMPLE CHAIN OF CUSTODY

CM  
ME

6.17.04 AI,

AKC-0008261

Send Report To G. ThompsonCompany Alaskan Copper worksAddress 628 S. Harvard StCity, State, ZIP Seattle WA 98134Phone # 206-782-8379 Fax # 206-782-4709

SAMPLER'S (signature) 	
PROJECT NAME/NO. <u>METRO Self monitor</u>	PO # <u>M93611</u>
REMARKS	

Page # \_\_\_\_\_ of \_\_\_\_\_

## TURNAROUND TIME

☐ Standard (2 Weeks)☐ RUSH

Rush charges authorized by: \_\_\_\_\_

## SAMPLE DISPOSAL

☐ Dispose after 30 days☐ Return samples☐ Will call with instructions


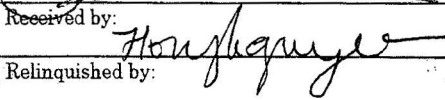
Sample ID	Lab ID	Date	Time	Sample Type	# of containers	ANALYSES REQUESTED										Notes		
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS							
m93611	01	6/17/04	12:70	H2O	1							X-Cy, n, p, o						

Friedman & Bruya, Inc.  
3012 16th Avenue West

Seattle, WA 98119-2029

Ph. (206) 285-8282

Fax (206) 283-5044

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: 	G. Thompson	ACW	6/17/04	1:19pm
Received by: 	H. Thompson	FBI	1	1
Relinquished by:				
Received by:				

**FRIEDMAN & BRUYA, INC.**

**ENVIRONMENTAL CHEMISTS**

James E. Bruya, Ph.D.  
Charlene Morrow, M.S.  
Yelena Aravkina, M.S.  
Bradley T. Benson, B.S.  
Kurt Johnson, B.S.

3012 16th Avenue West  
Seattle, WA 98119-2029  
TEL: (206) 285-8282  
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e-mail: fbi@isomedia.com

June 30, 2004

**DUPLICATE COPY**

**INVOICE #04ACU0630-2**

Accounts Payable  
Alaskan Copper Works  
628 South Hanford  
Seattle, WA 98134

RE: Project Metro Self Monitor, PO# M93611, F&BI 406181 - Results of testing  
requested by Gerry Thompson for material submitted on June 17, 2004.

1 sample analyzed for Total Chromium, Copper, Nickel and Zinc by Method 6010B @ \$80 per sample	<u>\$ 80.00</u>
Amount Due .....	\$ 80.00

FEDERAL TAX ID # (b) (6)



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TEL: (206) 285-8282  
FAX: (206) 283-5044  
e-mail: fbi@isomedia.com

June 30, 2004

Gerry Thompson, Project Manager  
Alaskan Copper Works  
628 South Hanford  
Seattle, WA 98134

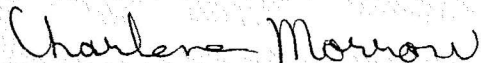
Dear Mr. Thompson:

Included are the results from the testing of material submitted on June 17, 2004 from the Metro Self Monitor, PO# M93611, F&BI 406181 project. There are 2 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Charlene Morrow  
Chemist

Enclosures  
ACU0630R.DOC